

# Libby Asbestos Superfund Site

## Conceptual Site Model

### *Operable Unit 4*

Superfund/ORD Asbestos Research Needs Meeting  
Research Triangle Park  
January 17-18, 2007

Libby Team  
USEPA Region 8



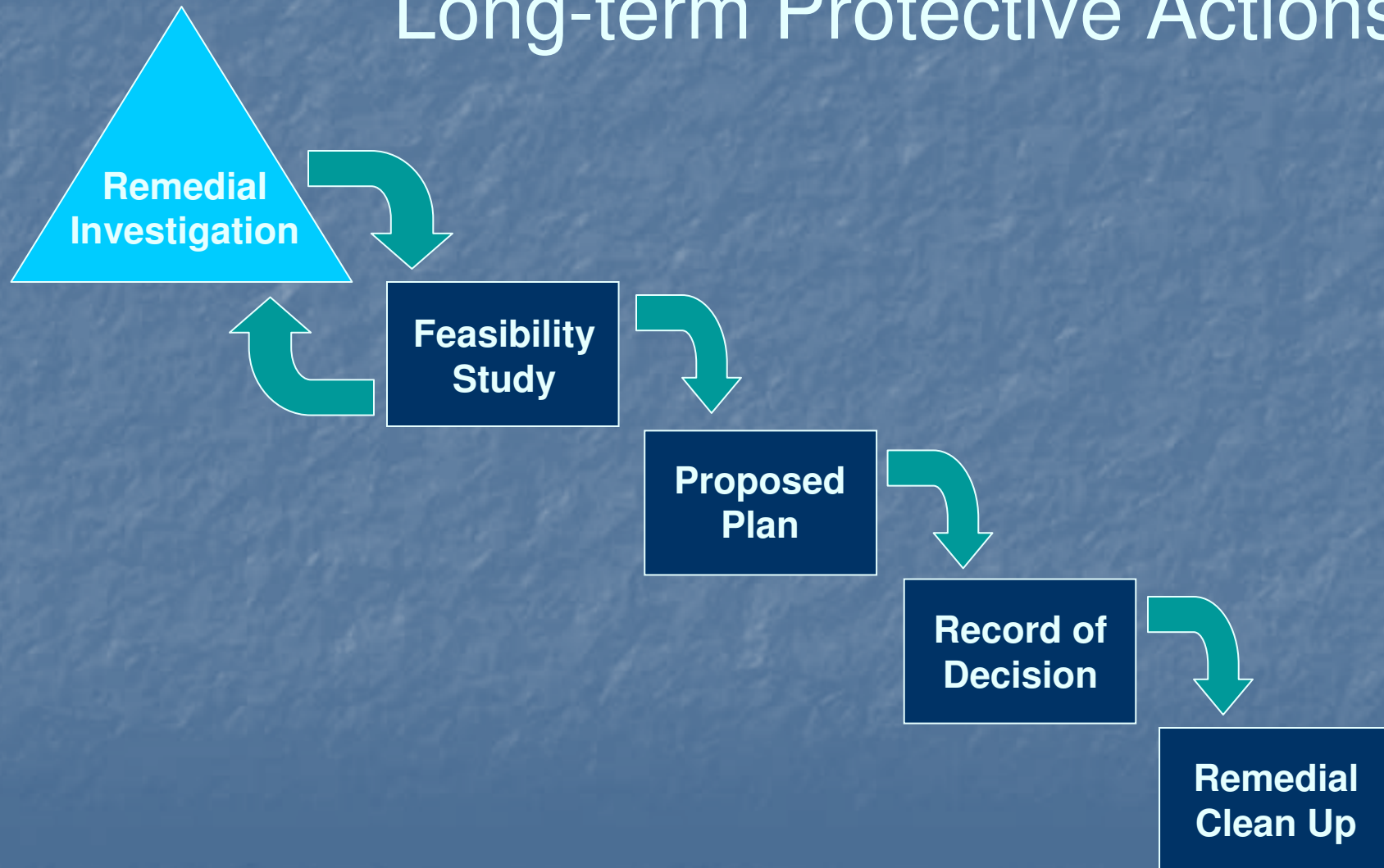
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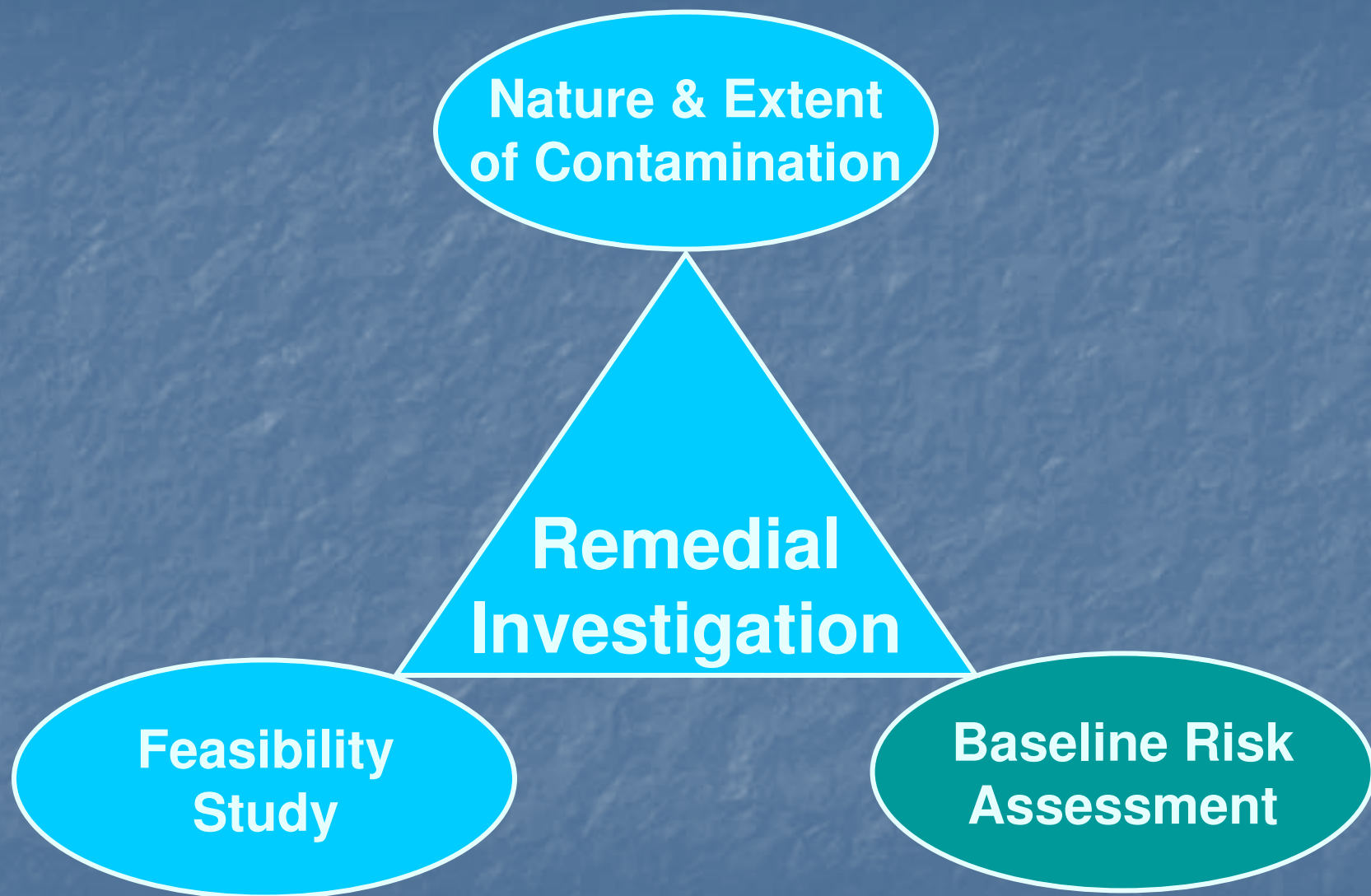
# Roadmap

- Conceptual Site Model context
- Purpose of Conceptual Site Model
- Libby Operable Unit 4 examples

# The Superfund Remedial Process

## Long-term Protective Actions

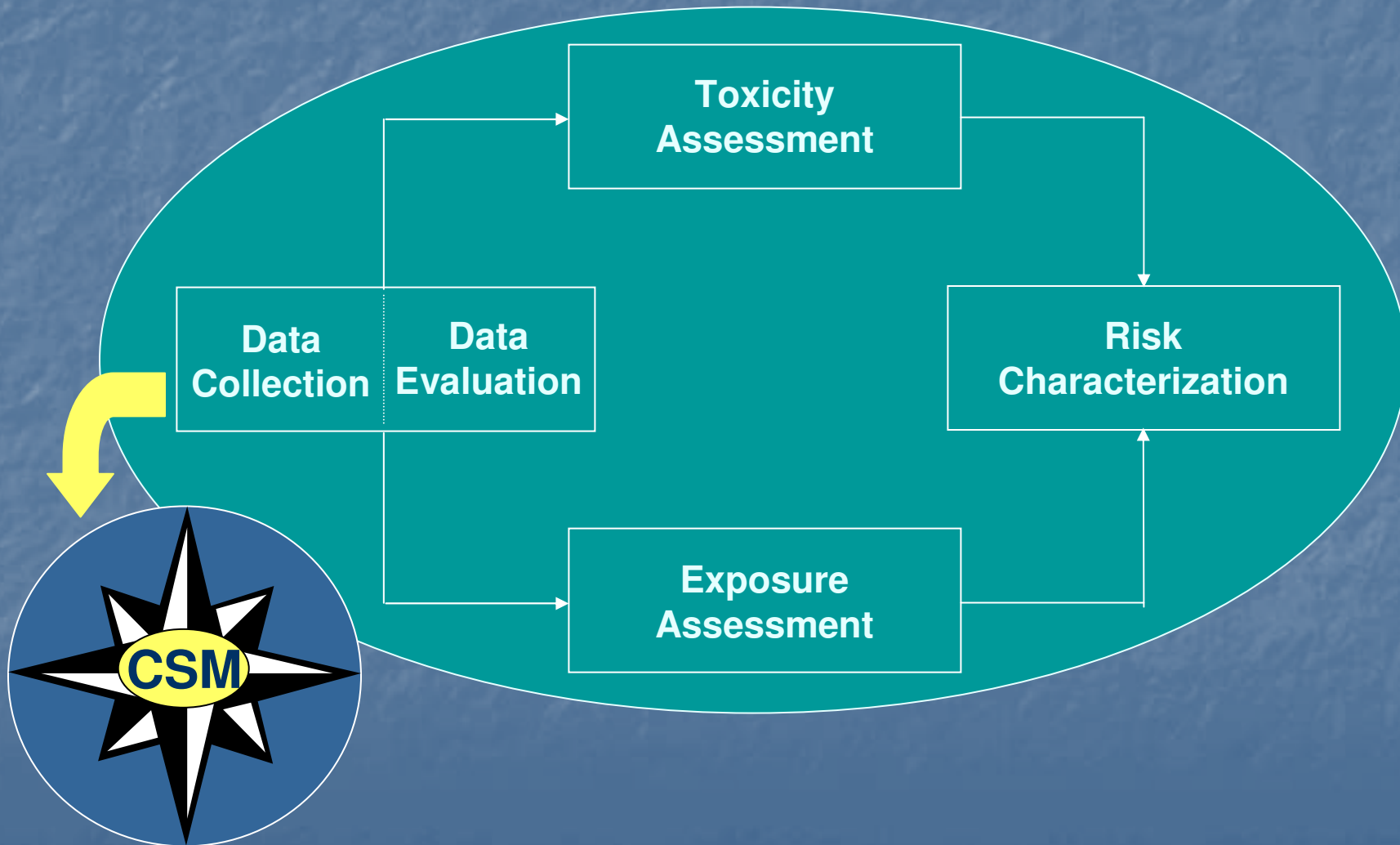






# Baseline Risk Assessment

## *Conceptual Site Model (CSM)*

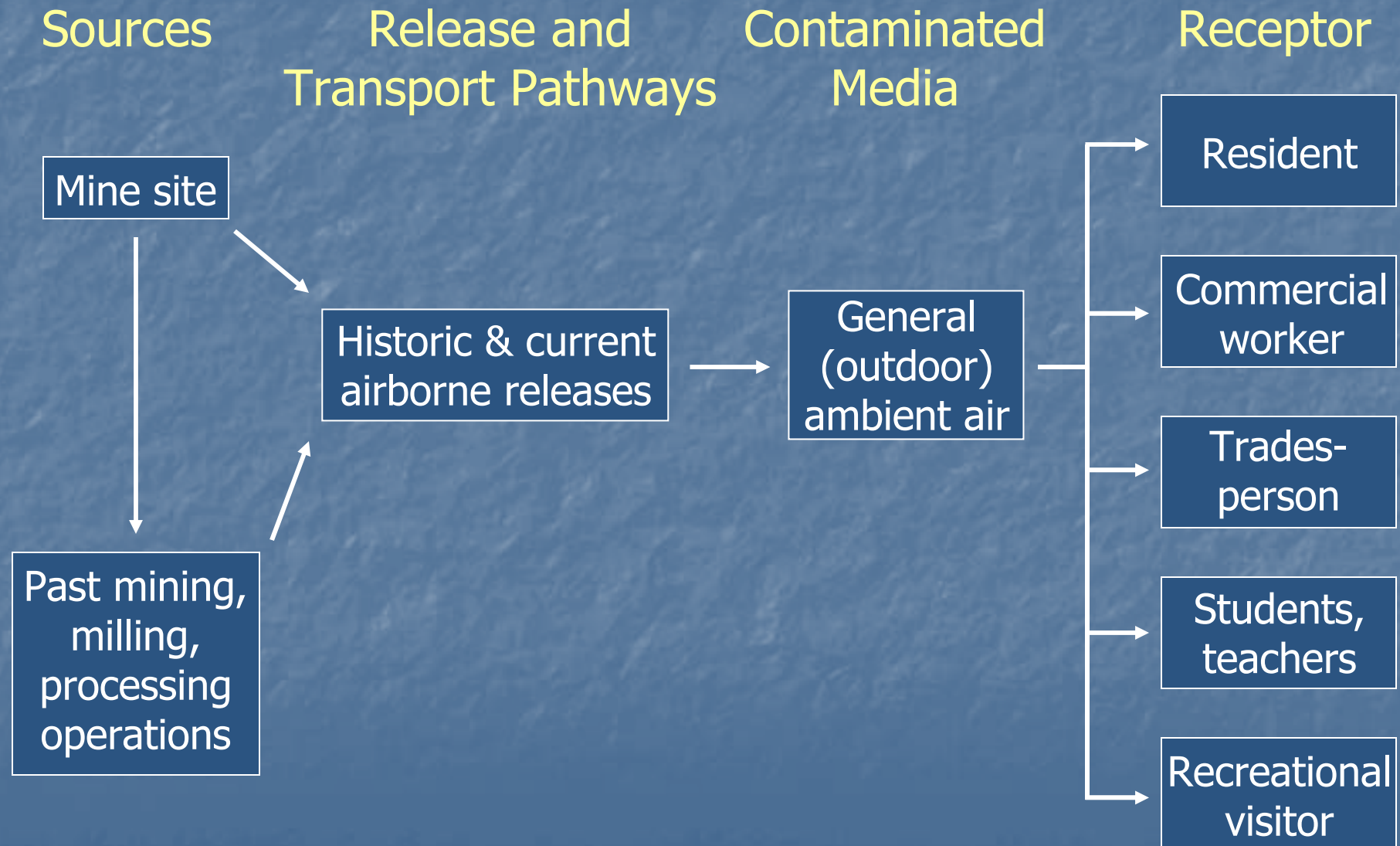


# Conceptual Site Model



- Identifies origin of contamination
- Illustrates movement through the environment
- Identifies receptors & routes of exposure
- Describes potential exposure pathways

# Example – Libby OU4



# Summary



- The Conceptual Site Model
  - Describes potential exposure pathways
  - Helps guide the development of the Baseline Risk Assessment
  - Is a living document that helps direct future data collection activities